



## Hydraulic HLP 46

### Hydraulic oil

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**DESCRIPTION** HARTOL Hydraulic HLP 46 is a high-quality hydraulic oil with extreme pressure additives, formulated from selected base oils that undergo selective purification to maintain a natural viscosity index. It contains additives to provide the following properties:

- Excellent protection against wear and tear.
- Very good protection against rust and corrosion.
- Superior oxidation resistance.
- Outstanding demulsifying, deaeration, and anti-foam properties.
- Good compatibility with seals and gaskets made of synthetic material.
- Low pour point.

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**APPLICATION** HARTOL Hydraulic HLP 46 is suitable for heavily loaded hydraulic equipment, as well as lightly loaded gearboxes and bearings. It can also be utilized in lubrication systems, general lubrication, and vacuum pumps (excluding turbines). However, it is not compatible with systems containing silver-plated or coated components or parts.

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**SPECIFICATIONS**

- DIN 51524-2 HLP
- ISO 11158 HM
- ASTM D 6158 HM
- AFNOR NF E 48-603 HM
- Cincinnati Machine P-70
- Denison HF-0/HF-1/HF-2
- Eaton Brochure 694 for 35VQ25A
- GM LS-2

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**TYPICAL PROPERTIES**

- Density at 15 °C, kg/l 0,877
- Viscosity 40 °C, mm<sup>2</sup>/s 46,60
- Viscosity 100 °C, mm<sup>2</sup>/s 6,76
- Viscosity Index 98
- Flash Point COC, °C 212
- Pour Point, °C -39
- Total Base Number, mgKOH/g 1,50
- Sulphate Ash, % 0,06